

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING ERROR REPORT**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:**

Application Serial Number: 10/564,744  
Source: IFWP  
Date Processed by STIC: 1-30-06

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

## Raw Sequence Listing Error Summary

### ERROR DETECTED

### SUGGESTED CORRECTION

SERIAL NUMBER: 101564,744

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1  Wrapped Nucleics      Wrapped Aminos      The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2  Invalid Line Length      The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
- 3  Misaligned Amino Numbering      The numbering under each 5<sup>th</sup> amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.
- 4  Non-ASCII      The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5  Variable Length      Sequence(s) \_\_\_\_\_ contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6  PatentIn 2.0 "bug"      A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) \_\_\_\_\_. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
- 7  Skipped Sequences (OLD RULES)      Sequence(s) \_\_\_\_\_ missing. If intentional, please insert the following lines for **each** skipped sequence:  
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped  
  
Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8  Skipped Sequences (NEW RULES)      Sequence(s) \_\_\_\_\_ missing. If intentional, please insert the following lines for **each** skipped sequence.  
<210> sequence id number  
<400> sequence id number  
000
- 9  Use of n's or Xaa's (NEW RULES)      Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Per 1.823 of Sequence Rules, use of <220>-<223> is **MANDATORY** if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10  Invalid <213> Response      Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence
- 11  Use of <220>      Use of <220> to <223> is **MANDATORY** if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12  PatentIn 2.0 "bug"      Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13  Misuse of n/Xaa      "n" **can only** represent a single nucleotide; "Xaa" **can only** represent a single amino acid



IFWP

## RAW SEQUENCE LISTING

DATE: 01/30/2006

PATENT APPLICATION: US/10/564,744

TIME: 15:53:14

Input Set : A:\Sequence Listing 0609.5160001.txt  
 Output Set: N:\CRF4\01302006\J564744.raw

3 <110> APPLICANT: The Massachusetts General Hospital Corporation  
 4 Gardella, Thomas J.  
 6 <120> TITLE OF INVENTION: Conformationally Constrained Parathyroid Hormone (PTH)

## Analogs

8 <130> FILE REFERENCE: 0609.516PC01  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/564,744

C--> 11 <141> CURRENT FILING DATE: 2006-01-17

13 <150> PRIOR APPLICATION NUMBER: US 60/487,589

14 <151> PRIOR FILING DATE: 2003-07-17

16 <160> NUMBER OF SEQ ID NOS: 27

18 <170> SOFTWARE: PatentIn version 3.2

20 <210> SEQ ID NO: 1

21 <211> LENGTH: 14

22 <212> TYPE: PRT

23 <213> ORGANISM: Artificial sequence

25 <220> FEATURE:

26 <223> OTHER INFORMATION: Peptide

29 <220> FEATURE:

30 <221> NAME/KEY: misc\_feature

31 <222> LOCATION: (1)..(1)

32 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue

34 <220> FEATURE:

35 <221> NAME/KEY: misc\_feature

36 <222> LOCATION: (2)..(2)

37 <223> OTHER INFORMATION: X is Trp, Bpa, Arg or Val

39 <220> FEATURE:

40 <221> NAME/KEY: misc\_feature

41 <222> LOCATION: (3)..(3)

42 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue

44 <220> FEATURE:

45 <221> NAME/KEY: misc\_feature

46 <222> LOCATION: (8)..(8)

47 <223> OTHER INFORMATION: X is Met or Nle

49 <220> FEATURE:

50 <221> NAME/KEY: misc\_feature

51 <222> LOCATION: (10)..(10)

52 <223> OTHER INFORMATION: X is Gln, Dsg or Asn

54 <220> FEATURE:

55 <221> NAME/KEY: misc\_feature

56 <222> LOCATION: (11)..(11)

57 <223> OTHER INFORMATION: X is Har or Leu

59 <220> FEATURE:

60 <221> NAME/KEY: misc\_feature

61 <222> LOCATION: (12)..(12)

Dos Not Comply

Corrected Diskette Needed

(PG.1-S) ↪

INVALID  
RESPONSE

← see item #11 on  
error summary sheet.

INVALID  
RESPONSE

SAME  
ERROR

WHAT IS THIS?

← P15

See item #13  
on error  
summary  
sheet.

## RAW SEQUENCE LISTING

DATE: 01/30/2006

PATENT APPLICATION: US/10/564,744

TIME: 15:53:14

Input Set : A:\Sequence Listing 0609.5160001.txt

Output Set: N:\CRF4\01302006\J564744.raw

62 &lt;223&gt; OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue, Ala or Gly

64 &lt;220&gt; FEATURE:

65 &lt;221&gt; NAME/KEY: misc\_feature

66 &lt;222&gt; LOCATION: (14)..(14)

67 &lt;223&gt; OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue, Trp, Tyr or His

69 &lt;400&gt; SEQUENCE: 1

W--&gt; 71 Xaa Xaa Xaa Glu Ile Gln Leu Xaa His Xaa Xaa Xaa Lys Xaa

72 1 5 10

75 &lt;210&gt; SEQ ID NO: 2

76 &lt;211&gt; LENGTH: 13

77 &lt;212&gt; TYPE: PRT

78 &lt;213&gt; ORGANISM: Artificial sequence

80 &lt;220&gt; FEATURE:

81 &lt;223&gt; OTHER INFORMATION: Peptide

84 &lt;220&gt; FEATURE:

85 &lt;221&gt; NAME/KEY: misc\_feature

86 &lt;222&gt; LOCATION: (1)..(1)

87 &lt;223&gt; OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue

89 &lt;220&gt; FEATURE:

90 &lt;221&gt; NAME/KEY: misc\_feature

91 &lt;222&gt; LOCATION: (2)..(2)

92 &lt;223&gt; OTHER INFORMATION: X is Trp, Bpa, Arg or Val

94 &lt;220&gt; FEATURE:

95 &lt;221&gt; NAME/KEY: misc\_feature

96 &lt;222&gt; LOCATION: (3)..(3)

97 &lt;223&gt; OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue

99 &lt;220&gt; FEATURE:

100 &lt;221&gt; NAME/KEY: misc\_feature

101 &lt;222&gt; LOCATION: (8)..(8)

102 &lt;223&gt; OTHER INFORMATION: X is Met or Nle

104 &lt;220&gt; FEATURE:

105 &lt;221&gt; NAME/KEY: misc\_feature

106 &lt;222&gt; LOCATION: (10)..(10)

107 &lt;223&gt; OTHER INFORMATION: X is Gln, Degr or Asn

109 &lt;220&gt; FEATURE:

110 &lt;221&gt; NAME/KEY: misc\_feature

111 &lt;222&gt; LOCATION: (11)..(11)

112 &lt;223&gt; OTHER INFORMATION: X is Har or Leu

114 &lt;220&gt; FEATURE:

115 &lt;221&gt; NAME/KEY: misc\_feature

116 &lt;222&gt; LOCATION: (12)..(12)

117 &lt;223&gt; OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue, Ala or Gly

119 &lt;400&gt; SEQUENCE: 2

W--&gt; 121 Xaa Xaa Xaa Glu Ile Gln Leu Xaa His Xaa Xaa Xaa Lys

122 1 5 10

125 &lt;210&gt; SEQ ID NO: 3

126 &lt;211&gt; LENGTH: 12

127 &lt;212&gt; TYPE: PRT

128 &lt;213&gt; ORGANISM: Artificial sequence

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/564,744

DATE: 01/30/2006  
TIME: 15:53:14

Input Set : A:\Sequence Listing 0609.5160001.txt  
Output Set: N:\CRF4\01302006\J564744.raw

130 <220> FEATURE:  
 131 <223> OTHER INFORMATION: Peptide  
 134 <220> FEATURE:  
 135 <221> NAME/KEY: misc\_feature  
 136 <222> LOCATION: (1)..(1)  
 137 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue  
 139 <220> FEATURE:  
 140 <221> NAME/KEY: misc\_feature  
 141 <222> LOCATION: (2)..(2)  
 142 <223> OTHER INFORMATION: X is Trp, Bpa, Arg or Val  
 144 <220> FEATURE:  
 145 <221> NAME/KEY: misc\_feature  
 146 <222> LOCATION: (3)..(3)  
 147 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue  
 149 <220> FEATURE:  
 150 <221> NAME/KEY: misc\_feature  
 151 <222> LOCATION: (8)..(8)  
 152 <223> OTHER INFORMATION: X is Met or Nle  
 154 <220> FEATURE:  
 155 <221> NAME/KEY: misc\_feature  
 156 <222> LOCATION: (10)..(10)  
 157 <223> OTHER INFORMATION: X is Gln, D<sup>eg</sup> or Asn  
 159 <220> FEATURE:  
 160 <221> NAME/KEY: misc\_feature  
 161 <222> LOCATION: (11)..(11)  
 162 <223> OTHER INFORMATION: X is H<sup>ar</sup> or Leu  
 164 <220> FEATURE:  
 165 <221> NAME/KEY: misc\_feature  
 166 <222> LOCATION: (12)..(12)  
 167 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue, Ala or Gly  
 169 <400> SEQUENCE: 3  
 W--> 171 Xaa Xaa Xaa Glu Ile Gln Leu Xaa His Xaa Xaa Xaa  
 172 1 5 10  
 175 <210> SEQ ID NO: 4  
 176 <211> LENGTH: 11  
 177 <212> TYPE: PRT  
 178 <213> ORGANISM: Artificial sequence  
 180 <220> FEATURE:  
 181 <223> OTHER INFORMATION: Peptide  
 184 <220> FEATURE:  
 185 <221> NAME/KEY: misc\_feature  
 186 <222> LOCATION: (1)..(1)  
 187 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue  
 189 <220> FEATURE:  
 190 <221> NAME/KEY: misc\_feature  
 191 <222> LOCATION: (2)..(2)  
 192 <223> OTHER INFORMATION: X is Trp, Bpa, Arg or Val  
 194 <220> FEATURE:  
 195 <221> NAME/KEY: misc\_feature

✓ Same  
errors  
==

Invalid response

See item #

// on  
error  
summary  
sheet.

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/564,744

DATE: 01/30/2006  
TIME: 15:53:14

Input Set : A:\Sequence Listing 0609.5160001.txt  
Output Set: N:\CRF4\01302006\J564744.raw

```

196 <222> LOCATION: (3)..(3)
197 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue
199 <220> FEATURE:
200 <221> NAME/KEY: misc_feature
201 <222> LOCATION: (8)..(8)
202 <223> OTHER INFORMATION: X is Met or Nle
204 <220> FEATURE:
205 <221> NAME/KEY: misc_feature
206 <222> LOCATION: (10)..(10)
207 <223> OTHER INFORMATION: X is Gln, Deg or Asn
209 <220> FEATURE:
210 <221> NAME/KEY: misc_feature
211 <222> LOCATION: (11)..(11)
212 <223> OTHER INFORMATION: X is Har or Leu
214 <400> SEQUENCE: 4
W--> 216 Xaa Xaa Xaa Glu Ile Gln Leu Xaa His Xaa Xaa
      1           5           10
220 <210> SEQ ID NO: 5
221 <211> LENGTH: 10
222 <212> TYPE: PRT
223 <213> ORGANISM: Artificial sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Peptide
229 <220> FEATURE:
230 <221> NAME/KEY: misc_feature
231 <222> LOCATION: (1)..(1)
232 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue
234 <220> FEATURE:
235 <221> NAME/KEY: misc_feature
236 <222> LOCATION: (2)..(2)
237 <223> OTHER INFORMATION: X is Trp, Bpa, Arg or Val
239 <220> FEATURE:
240 <221> NAME/KEY: misc_feature
241 <222> LOCATION: (3)..(3)
242 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue
244 <220> FEATURE:
245 <221> NAME/KEY: misc_feature
246 <222> LOCATION: (8)..(8)
247 <223> OTHER INFORMATION: X is Met or Nle
249 <220> FEATURE:
250 <221> NAME/KEY: misc_feature
251 <222> LOCATION: (10)..(10)
252 <223> OTHER INFORMATION: X is Gln, Deg or Asn
254 <400> SEQUENCE: 5
W--> 256 Xaa Xaa Xaa Glu Ile Gln Leu Xaa His Xaa
      1           5           10
260 <210> SEQ ID NO: 6
261 <211> LENGTH: 21
262 <212> TYPE: PRT

```

INVALID  
RESPONSE

What is this?

See item #3

on error  
summary  
sheet.

Same error

same  
error

same  
error

↙

same  
error

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/564,744

DATE: 01/30/2006  
TIME: 15:53:14

Input Set : A:\Sequence Listing 0609.5160001.txt  
Output Set: N:\CRF4\01302006\J564744.raw

263 <213> ORGANISM: Artificial sequence  
 265 <220> FEATURE:  
 266 <223> OTHER INFORMATION: Peptide  
 269 <220> FEATURE:  
 270 <221> NAME/KEY: misc\_feature  
 271 <222> LOCATION: (1)..(1)  
 272 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue  
 274 <220> FEATURE:  
 275 <221> NAME/KEY: misc\_feature  
 276 <222> LOCATION: (2)..(2)  
 277 <223> OTHER INFORMATION: X is Bpa  
 279 <220> FEATURE:  
 280 <221> NAME/KEY: misc\_feature  
 281 <222> LOCATION: (3)..(3)  
 282 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue  
 284 <220> FEATURE:  
 285 <221> NAME/KEY: misc\_feature  
 286 <222> LOCATION: (8)..(8)  
 287 <223> OTHER INFORMATION: X is Aib, Gln, D<sup>eg</sup> or Asn  
 289 <220> FEATURE:  
 290 <221> NAME/KEY: misc\_feature  
 291 <222> LOCATION: (10)..(10)  
 292 <223> OTHER INFORMATION: X is Met or Nle  
 294 <220> FEATURE:  
 295 <221> NAME/KEY: misc\_feature  
 296 <222> LOCATION: (11)..(11)  
 297 <223> OTHER INFORMATION: X is H<sup>ar</sup> or Leu  
 299 <220> FEATURE:  
 300 <221> NAME/KEY: misc\_feature  
 301 <222> LOCATION: (12)..(12)  
 302 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue, Ala or Gly  
 304 <220> FEATURE:  
 305 <221> NAME/KEY: misc\_feature  
 306 <222> LOCATION: (14)..(14)  
 307 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue, Trp or His  
 309 <220> FEATURE:  
 310 <221> NAME/KEY: misc\_feature  
 311 <222> LOCATION: (19)..(19)  
 312 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue, Lys, Arg or Glu  
 314 <220> FEATURE:  
 315 <221> NAME/KEY: misc\_feature  
 316 <222> LOCATION: (21)..(21)  
 317 <223> OTHER INFORMATION: X is Tyr or Met  
 319 <400> SEQUENCE: 6  
 W--> 321 Xaa Xaa Xaa Glu Ile Gln Leu Xaa His Xaa Xaa Xaa Lys Xaa Leu Ala  
 322 1 5 10 15  
 325 Ser Val Xaa Arg Xaa  
 326 20  
 329 <210> SEQ ID NO: 7

✓ Same errors

The type of errors shown exist throughout  
the Sequence Listing. Please check subsequent  
sequences for similar errors.

RAW SEQUENCE LISTING ERROR SUMMARY                    DATE: 01/30/2006  
PATENT APPLICATION: US/10/564,744                    TIME: 15:53:15

Input Set : A:\Sequence Listing 0609.5160001.txt  
Output Set: N:\CRF4\01302006\J564744.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,~~2,3,8,10,11,12,14~~  
Seq#:2; Xaa Pos. ~~1,2,3,8,10,11,12~~  
Seq#:3; Xaa Pos. ~~1,2,3,8,10,11,12~~  
Seq#:4; Xaa Pos. ~~1,2,3,8,10,11~~  
Seq#:5; Xaa Pos. ~~1,2,3,8,10~~  
Seq#:6; Xaa Pos. ~~1,2,3,8,10,14,12,14,19,21~~  
Seq#:7; Xaa Pos. 1,2,3,8,10,11,12,14,19  
Seq#:8; Xaa Pos. 1,2,3,8,10,11,12,14,19  
Seq#:9; Xaa Pos. 1,2,3,8,10,11,12,14  
Seq#:10; Xaa Pos. 1,2,3,8,10,11,12,14  
Seq#:11; Xaa Pos. 1,2,3,8,10,11,12,14  
Seq#:12; Xaa Pos. 1,2,3,8,10,11,12,14  
Seq#:13; Xaa Pos. 1,2,3,11  
Seq#:14; Xaa Pos. 1,3,11,15  
Seq#:15; Xaa Pos. 1,2,4,12,16  
Seq#:16; Xaa Pos. 1,2,4,12,16  
Seq#:17; Xaa Pos. 1,3,11,15  
Seq#:18; Xaa Pos. 1,2,3,11,15  
Seq#:19; Xaa Pos. 1,3,11,15  
Seq#:20; Xaa Pos. 1,3,11,15  
Seq#:21; Xaa Pos. 1,3,11,15  
Seq#:22; Xaa Pos. 1,2,3,11,15  
Seq#:23; Xaa Pos. 1,3,8,11,15  
Seq#:24; Xaa Pos. 1,2,3,8,11,15  
Seq#:25; Xaa Pos. 1,2,3,8,11,22

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/564,744

DATE: 01/30/2006

TIME: 15:53:15

Input Set : A:\Sequence Listing 0609.5160001.txt  
Output Set: N:\CRF4\01302006\J564744.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:71 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
M:341 Repeated in SeqNo=6  
L:385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
M:341 Repeated in SeqNo=7  
L:449 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
M:341 Repeated in SeqNo=8  
L:508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:567 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
L:626 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0  
L:681 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:716 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0  
L:751 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0  
L:791 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0  
L:831 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0  
L:866 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0  
L:906 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0  
L:941 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0  
L:976 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0  
L:1011 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0  
L:1051 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0  
L:1091 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0  
L:1136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0  
L:1181 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0  
M:341 Repeated in SeqNo=25